



# ACRYLAMIDE

UN 2074

Shipping Name: Acrylamide  
Other Names: Acrylic amide  
Propenamide  
Vinyl amide



**WARNING! • MAY DECOMPOSE WITH HEAT AND REACT EXPLOSIVELY WITH ITSELF AT TEMPERATURES ABOVE 184° F RELEASING TOXIC AMMONIA GAS!**

## Hazards:

- Irritating to skin, eyes, nose and lungs
- Container may explode when exposed to fire
- Vapors are heavier than air and will collect and stay in low areas
- Combustion products include toxic nitrogen oxides

## Awareness and Operational Level Training

### Response:

- Stay upwind
- Determine the extent of the problem
- Isolate the area of release or fire and deny entry
- For container exposed to fire evacuate the area in all directions because of the risk of explosion
- Notify local health and fire officials and pollution control agencies
- If material or contaminated runoff enters waterways, notify downstream users of potentially contaminated water

## Description:

- White solid
- No odor
- Initially sinks in water and is soluble in water
- Very flammable
- Vapors are heavier than air and will collect and stay in low areas

## Operational Level Training Response:

### RELEASE, NO FIRE:

- Cover material to protect from wind, rain or spray
- Prevent contaminated runoff from entering sewers and waterways if it can be done safely well ahead of the release
- Ventilate confined area if it can be done without placing personnel at risk

### FIRE:

- Material does not easily burn; fight surrounding fire with an agent other than water; if water must be used, use it in flooding quantities
- Cool exposed containers with large quantities of water from unattended equipment or remove intact containers if it can be done safely
- If cooling streams are ineffective (unvented container distorts, bulges or shows any other signs of expanding), withdraw immediately to a secure location

## First Aid:

- Do not put yourself in danger by entering a contaminated area to rescue a victim
- Provide Basic Life Support/CPR as needed
- Decontaminate the victim as follows:
  - ♦ Inhalation - remove the victim to fresh air and give oxygen if available
  - ♦ Skin - remove and isolate contaminated clothing (including shoes) and wash skin with soap and large volumes of water for 15 minutes
  - ♦ Eye - rinse eyes with large volumes of water or saline for 15 minutes
  - ♦ Swallowed - do not make the victim vomit
- Seek medical attention

CAS: 79-06-1